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April 6, 2007

**VIA E-Mail**

Mr. William Hurst  
Technical Research Branch Chief  
Office of Engineering and Technology Laboratory Division  
Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, Maryland 21046-1609

Re: WT Docket No. 01-309  
*Ex Parte* Presentation

Dear Mr. Hurst:

On behalf of the Alliance for Telecommunications Industry Solutions' Incubator Solutions Program #4 – Hearing Aid Compatibility (AISP.4-HAC), attached herewith is additional information from the AISP.4-HAC's CDMA vocoder testing.

A copy of this letter and attachment are being submitted for inclusion in the above-referenced docket. If you have any questions regarding this matter, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas Goode", written over a horizontal line.

Thomas Goode  
General Counsel

Attachment

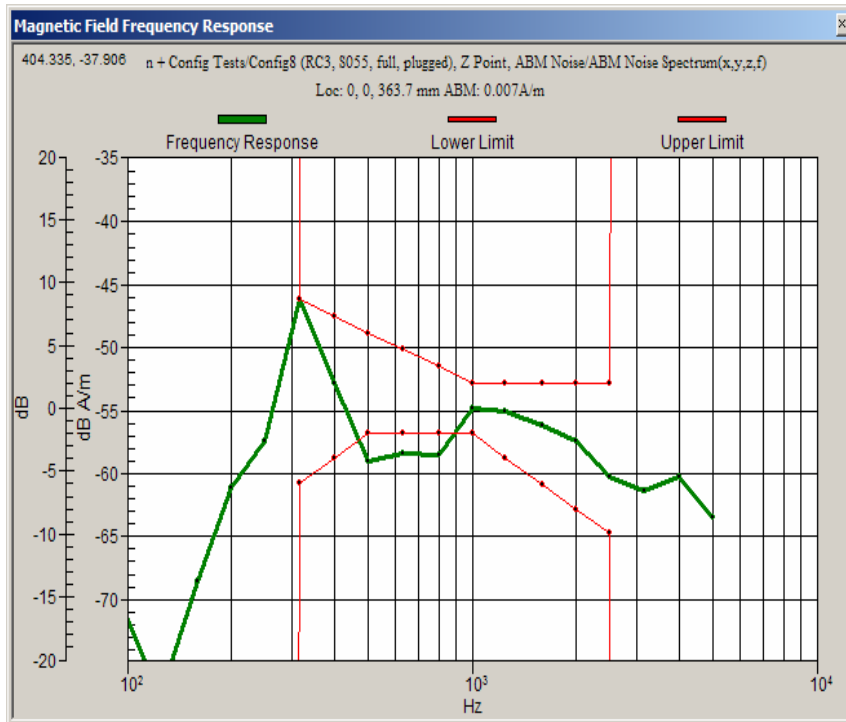
**Alliance for Telecommunications  
Industry Solutions  
Incubator Solutions Program – Hearing  
Aid Compatibility (AISP.4-HAC)**

**ABM2 Investigation Additional Data**  
April 4, 2007

# Additional Data

- As requested by the FCC in the March 15<sup>th</sup> meeting, the following slides provide additional data of the measurements that were performed to determine the effect of different RC/SO configurations and test environments have on the CDMA 2000 ABM2 T-Coil performance.
- These two test modes (RC3 SO55 and RC1 SO2 ¼ vocoder rate) were performed using an Agilent 8960 Communication Call Box, these modes are not available with the R&S CMU 200 Call Box, which is used for the ABM1 measurements.

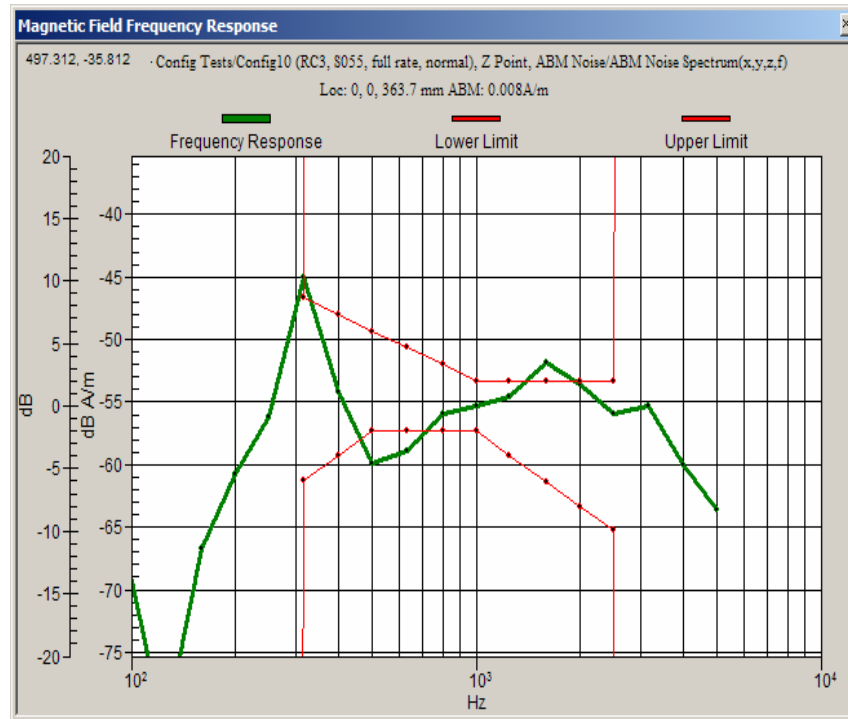
# Experiment Results



RC3, SO55, microphone aperture plugged

\*red limit lines are meaningless

\*scale reference is different

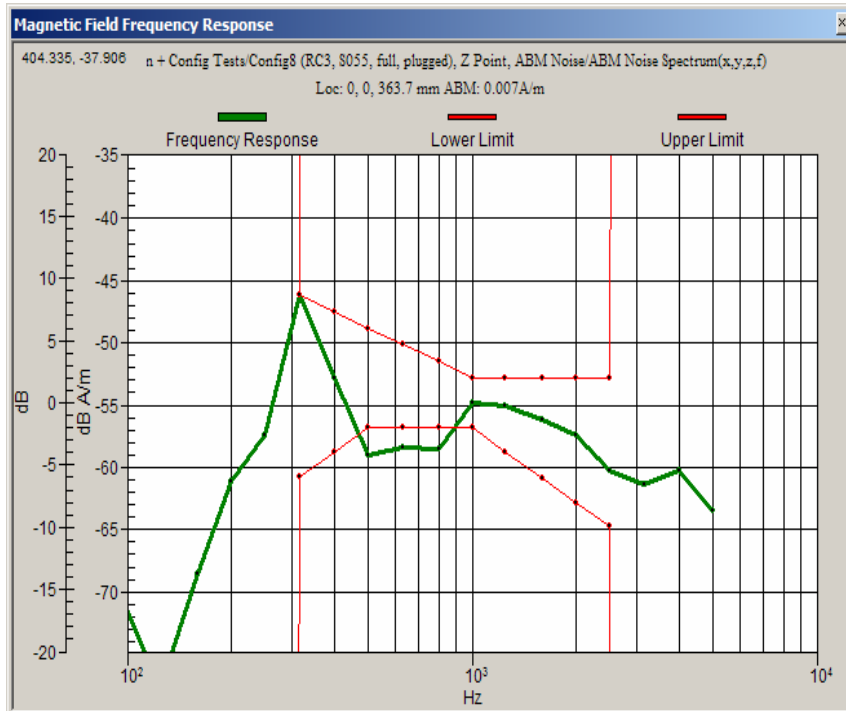


RC3, SO55, normal laboratory background noise

\*red limit lines are meaningless

\*scale reference is different

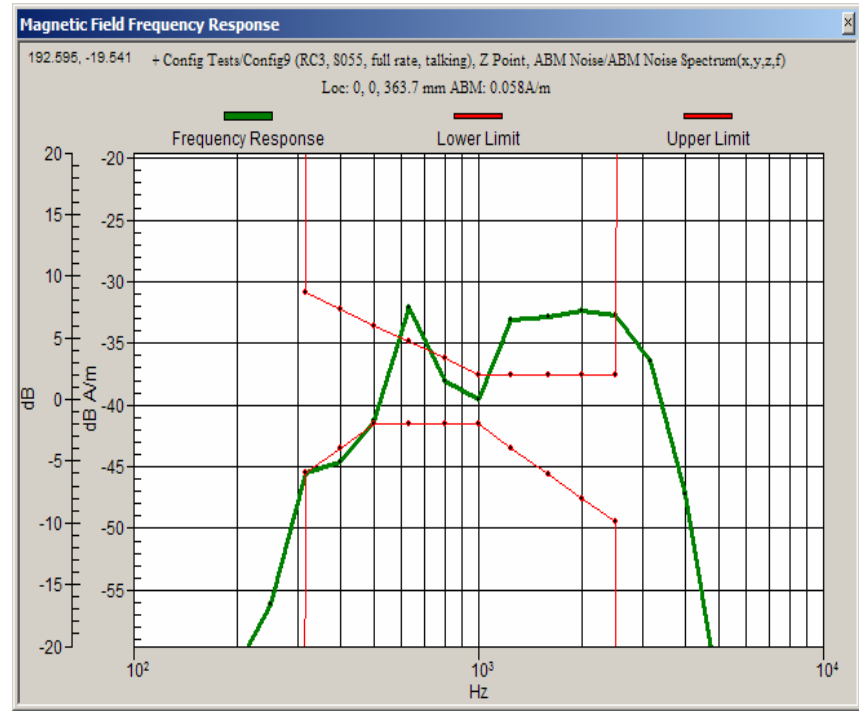
# Experiment Results



RC3, SO55, microphone aperture plugged

\*red limit lines are meaningless

\*scale reference is different

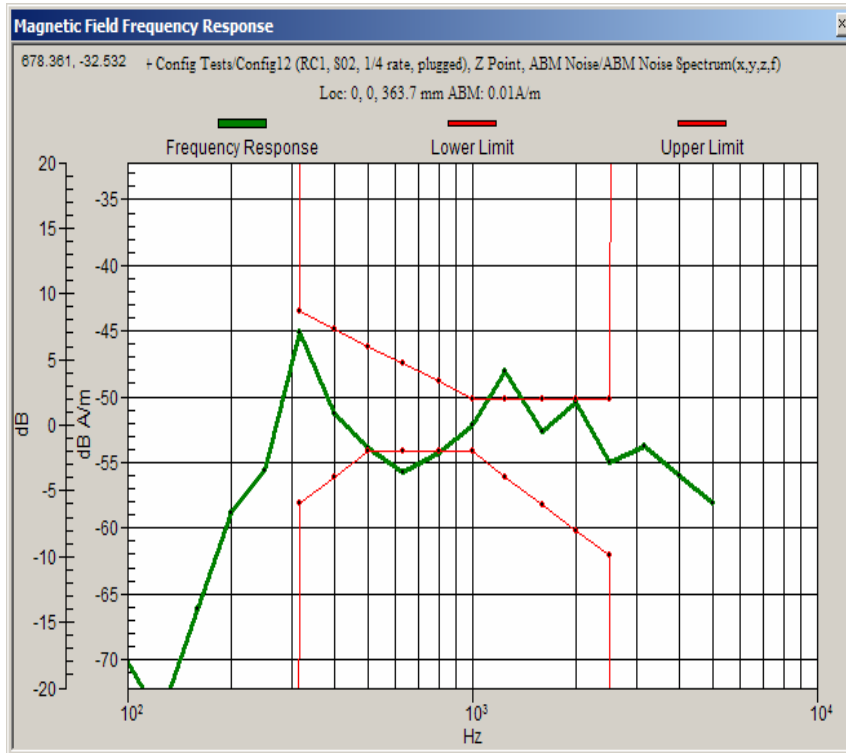


RC3, SO55, talking near the phone platform while the ABM2 measurement is being made

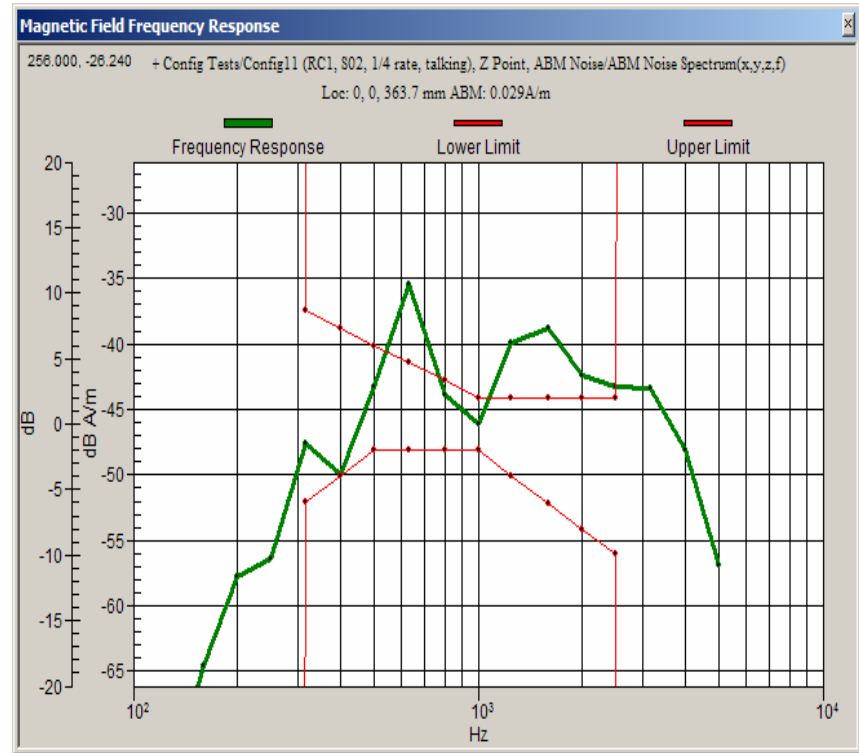
\*red limit lines are meaningless

\*scale reference is different

# Experiment Results



RC1, SO2, 1/4 vocoder rate, microphone aperture plugged  
\*red limit lines are meaningless  
\*scale reference is different



RC1, SO2, 1/4 vocoder rate, talking near the phone platform while the ABM2 measurement is being made  
\*red limit lines are meaningless  
\*scale reference is different